UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT to the JULY 1980 CLASSIFICATION AND CORRELATION of the SOILS of WABASH COUNTY, INDIANA

AUGUST 2005

This amendment results from digitizing the Wabash County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 1

Page 8 – Additions:

Add the map unit symbol and name "Omz - Orthents, earthen dam" for earthen dams more than 1.43 acres in size.

Add the map unit symbol and name "W - Water" for water areas more than 1.43 acres in size.

Page 11 – Replace the 37A dated July 1, 1980, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

Feature	**Name**	**Description**
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area with less than 15 percent fragments. Typically 0.2 to 2 acres.
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently covered by water. Sedges, cattails, and rushes dominate marsh areas. Trees or shrubs dominate swamps. Typically 0.2 to 2 acres.

Feature	Name	Description
MPI	Mine or quarry	An open excavation from which soil and underlying material are removed and bedrock is exposed. Also denotes surface openings to underground mines. Typically 0.2 to 2 acres.
ROC	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock, or where "Rock outcrop" is a named component of the map unit. Typically 0.2 to 2 acres.
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

Label	Symbol_ID	Name	Description
DUM	11	Dumps	An area of smoothed or uneven accumulations or piles of waste rock and general refuse or other non-soil material that supports little or no vegetation. Typically 0.2 to 2 acres.
WDP	18	Wet depression	A shallow, concave area within poorly or very poorly drained soils that ponds water for intermittent periods and is saturated for appreciably longer periods of time than the surrounding soil. Typically 0.2 to 2 acres.
MUC	30	Muck spot	An area within a poorly drained or very poorly drained soil that has a histic epipedon or where the surface is organic. The spot symbol is used only in map units consisting of mineral soil. Typically 0.2 to 2 acres.
SAM	38	Small dam	Small, earthen dam. Typically 0.2 to 2 acres.
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Indiana Official 37A For
Compilation, Digitizing, and DMF
Revised June 30, 2004

Soil Survey Area: WABASH COUNTY

State: Indiana

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

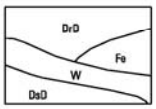
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: JULY 2005

DESCRIPTION	SYMBOL

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND LABELS



STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES

- Bedrock escarpment
- Nonbedrock escarpment
- Gully
- Levee
- Short steep slope
- Blowout
- Borrow pit
- Clay spot
- Closed depression
- Gravel pit
- Gravelly spot
- Landfill
- Marsh or swamp
- Mine or quarry
- Rock outcrop
- Sandy spot
- Severely eroded spot
- Sinkhole
- Slide or slip
- Spoil area
- Stony spot
- Very stony spot
- Wet spot

AD HOC FEATURES (Describe on back)

LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VWS	4		HIL	26	
EAS	5			27	
MAS	6		SID	28	
SAS	7			29	
CAF	8		WUC	30	
CAL	9			31	
SLR	10			32	
DUW	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UNT	44	

CULTURAL FEATURES (Optional)

BOUNDARIES

- National, state or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)
- Field sheet matchline and neatline
- Public Land Survey System Section Corner Tics

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS

- Interstate
- Federal
- State

LOCATED OBJECTS

- Airport (Label only) — Davis Airport or Airstrip

HYDROGRAPHIC FEATURES (Optional)

- Drainage end (indicates direction of flow)
- Unclassified stream

Pages 15 and 16 – Replace the Classification of the Soils table with the following:

Wabash County, Indiana Soil Classification table amended per Soil Taxonomy 9th edition.

(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Blount	Fine, illitic, mesic Aeric Epiaqualfs
Brookston	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Chelsea	Mixed, mesic Argic Udipsamments
Crosby	Fine, mixed, active, mesic Aeric Epiaqualfs
Crosier	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Cyclone	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Fincastle	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
Fox	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Genesee	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Glynwood	Fine, illitic, mesic Aquic Hapludalfs
Haskins	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Hennepin	Fine-loamy, mixed, active, mesic Typic Eutrudepts
*Homer	Fine-loamy over sandy or sandy-skeletal, mixed, active, mesic Aquic Hapludalfs
Houghton	Euic, mesic Typic Haplosaprists
Kalamazoo	Fine-loamy, mixed, semiactive, mesic Typic Hapludalfs
Kosciusko	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Madaus	Coarse-silty over sandy or sandy-skeletal, carbonatic over mixed, mesic Histic Humaquepts
Martinsville	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Metea	Loamy, mixed, mesic Arenic Hapludalfs
Miami	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
*Miami	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Milford	Fine, mixed, superactive, mesic Typic Endoaquolls
Millsdale	Fine, mixed, active, mesic Typic Argiaquolls
Milton	Fine, mixed, active, mesic Typic Hapludalfs
Milton Variant	Loamy-skeletal, mixed, mesic Typic Eutrudepts
Morley	Fine, illitic, mesic Oxyaquic Hapludalfs
*Morley	Fine, illitic, mesic Typic Hapludalfs
Ockley	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Ormas	Loamy, mixed, mesic Arenic Hapludalfs
Orthents	Orthents
Palms	Loamy, mixed, euic, mesic Terric Haplosaprists
Palms Variant	Loamy over sandy or sandy-skeletal, mixed, euic, mesic Terric Haplosaprists
Pella	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Pewamo	Fine, mixed, active, mesic Typic Argiaquolls
Randolph	Fine, mixed, active, mesic Aeric Endoaqualfs
Rawson	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Rensselaer	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Riddles	Fine-loamy, mixed, active, mesic Typic Hapludalfs
*Rodman	Sandy-skeletal, mixed, mesic Typic Eutrudepts

Wabash County, Indiana Soil Classification table - continued

(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Sebewa	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiaquolls
Shoals	Fine-loamy, mixed, superactive, nonacid, mesic Fluentic Endoaquepts
Sloan	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Udorthents, loamy	Udorthents
Wallkill	Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Humaquepts
Washtenaw	Fine-loamy, mixed, active, nonacid, mesic Aeric Fluvaquents
Westland	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Whitaker	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs

*Miami taxadjunct is for map unit MfE2
*Morley taxadjunct is for map unit MvE2

Approval Signatures and Date

TRAVIS NEELY	Date	JANE E. HARDISTY	Date
State Soil Scientist/MLRA Leader		State Conservationist	
Indianapolis, Indiana		Indianapolis, Indiana	